

Message

From: Benton, Tim [Tim.Benton@WestonSolutions.com]
Sent: 3/18/2016 11:16:49 PM
To: Daly, Eric [Daly.Eric@epa.gov]
CC: Nwosu, Bernard [Ben.Nwosu@WestonSolutions.com]; Nguyen, Lyndsey [Nguyen.Lyndsey@epa.gov]
Subject: Re: VIPER/NAREL

Eric,
Sorry for the delayed response but I was out at the Princeton Recycles Site this afternoon. I am just getting a chance to read through this email string and I see below that you are indicating that we could get all necessary equipment through ERT. That would be something that would need to be setup with them through you as we have no direct communication with their contractor. If that is something you wanted to do and they were able to provide the required equipment it would save a fair amount of cost in terms of equipment rental. However, if they are unable to provide the equipment I have identified a vendor that can supply all necessary equipment. Please advise and we will proceed accordingly.

In terms of the analytical procurement, we are contractually required to follow the FASTAC process which includes requesting DESA/CLP services first and if they cannot provide the service we are instructed to procure the laboratory support. We have no mechanism of exploring any other agency laboratories as that would need to be setup through you. We have used the laboratory in Alabama for other projects such as the St. Croix Alumina site but those analytical services were setup through the OSC. Let me confirm on Monday if there are any other options through the FASTAC process and I will get back in touch to confirm.

Thanks,

Tim

Sent from my iPhone

On Mar 18, 2016, at 3:38 PM, Daly, Eric <Daly.Eric@epa.gov> wrote:

Thanks Ben.

Tim, maybe you can give us some more. When SAT did this type of work in the past for Pre-Remedial....did they use ERT VIPER equipment or rent equipment? We need to know if Weston intends on using EPA equipment or rent. Then ensure we have the right detector type. I can't revise the HTC Assessment TDD until I have that info. Thanks

On a separate topic.... When Weston checks with EPA for CLP analytical lab request prior to going to private labs, do they check with EPA's National Analytical Radiation Env Lab in Alabama? I know I receive emails from Weston that show EPA labs cannot do the work but specifically for rad soil, I am wondering if NAREL is being consulted. Thanks

From: Nwosu, Bernard [<mailto:Ben.Nwosu@WestonSolutions.com>]
Sent: Friday, March 18, 2016 3:08 PM
To: Daly, Eric <Daly.Eric@epa.gov>

Cc: Nguyen, Lyndsey <Nguyen.Lyndsey@epa.gov>; Benton, Tim <Tim.Benton@WestonSolutions.com>
Subject: RE: VIPER

Eric,

Tim made an extensive search for the equipment setup that best suites our purpose for the Canadian Radium and Uranium investigation (which is a similar investigation for HTC) and he was able to locate a company that has a Ludlum + Scintillator setup that operates with a different network system other than Viper. If you need more information about this equipment setup Tim will be able to provide you with the specs/model/etc...early next week.

I am out on field work next week and I may not be able to respond to emails immediately.

Thanks and have a great weekend.

Ben Nwosu
Weston Solutions, Inc.
RST3/ED2

From: Daly, Eric [<mailto:Daly.Eric@epa.gov>]
Sent: Friday, March 18, 2016 2:15 PM
To: Nwosu, Bernard <Ben.Nwosu@WestonSolutions.com>
Cc: Nguyen, Lyndsey <Nguyen.Lyndsey@epa.gov>
Subject: VIPER
Importance: High

Good Afternoon Ben:

We wanted to confirm that you are getting VIPER unit with Ludlum 2241/NaI Probe from ERT? If so, do you have the size (crystal size? Example 2x2) and/or model number of the detector. We really shouldn't have to rent anything.

Thanks

From: Daly, Eric
Sent: Thursday, March 17, 2016 11:57 AM
To: 'Nwosu, Bernard' <Ben.Nwosu@WestonSolutions.com>
Cc: Nguyen, Lyndsey <Nguyen.Lyndsey@epa.gov>
Subject: RE: VIPER

Thanks for the quick response Ben. We just want to ensure we have the right probes for what we are looking for and obviously know how to properly run in the field.

From: Nwosu, Bernard [<mailto:Ben.Nwosu@WestonSolutions.com>]
Sent: Thursday, March 17, 2016 11:55 AM
To: Daly, Eric <Daly.Eric@epa.gov>
Cc: Nguyen, Lyndsey <Nguyen.Lyndsey@epa.gov>
Subject: RE: VIPER

I have used the viper setup with DataRams and some of my team members have used the viper setup with AreaRaes. I believe the setup is similar regardless of the monitoring equipment being used. However, Frank in our office is usually the administrator whenever we are using viper setups. He remotely initiates the run daily after we have hooked up all the instruments to the communication devices. Frank will be able to train personnel as necessary when we procure all the devices that go with the Ludlum-2241 and NaI setup.

Thanks,

Ben Nwosu
Weston Solutions, Inc.
RST3/ED2

From: Daly, Eric [<mailto:Daly.Eric@epa.gov>]
Sent: Thursday, March 17, 2016 11:46 AM
To: Nwosu, Bernard <Ben.Nwosu@WestonSolutions.com>
Cc: Nguyen, Lyndsey <Nguyen.Lyndsey@epa.gov>
Subject: VIPER
Importance: High

Hi Ben:

I know we are looking at equipment below or something similar for our upcoming surveys. Is there someone in Weston knowledgeable and able to use/train field personnel in VIPER with sodium iodide probe to perform these surveys? Also, I want to try and use the equipment and methods during these upcoming assessments that we will be using for clearing our excavated areas.

Ludlum-2241 with a sodium iodide (NaI) scintillator attachment linked to a Trimble® Global Positioning System (GPS) unit which will be connected to a VIPER system, a wireless network-based communication systems, via an internet source. The VIPER system will provide instantaneous real-time gamma radiation readings through a computer server (Viper Deployment Manager [VDM]).

Thanks

Regards,

Eric

"We must, indeed, all hang together, or assuredly we shall all hang separately",
Benjamin Franklin
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